| 3751   370/\$.ccls. and @ay<2000 and (channel\$1 near10 request\$3)   370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3)   USPAT; US-PGPUB USPAT; US-PGPUB US-PG            | stamp<br>/06/29 10:01<br>/06/29 10:03<br>/06/29 10:03<br>/06/29 10:03<br>/06/24 12:08<br>/06/24 12:07<br>/06/24 12:08<br>/06/24 12:08 |
|---|---|
| Tequest\$3   370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3)   US-PGPUB   US-P              | /06/29 10:01<br>/06/29 10:03<br>/06/29 10:03<br>/06/24 12:08<br>/06/24 12:07<br>/06/24 12:08  |
| 7       3090       370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3)  | /06/29 10:03<br>/06/29 10:03<br>/06/24 12:08<br>/06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| 1   370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3 near10 (downstream\$1 forward\$1) near10 (IP (internet adj2 protocol\$1)))   9   | /06/29 10:03<br>/06/29 10:03<br>/06/24 12:08<br>/06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| 8       1       370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3 near10 (downstream\$1 forward\$1) near10 (IP (internet adj2 protocol\$1)))   | /06/29 10:03<br>/06/24 12:08<br>/06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| near10 (downstream\$1 forward\$1) near10 (IP (internet adj2 protocol\$1)))   370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3 near10 (downstream\$1 forward\$1))   20020108119.pn.  | /06/29 10:03<br>/06/24 12:08<br>/06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| 9 173 370/\$.ccls. and @ay<2000 and (channel\$1 near5 request\$3 near10 (downstream\$1 forward\$1))  - 1 20020108119.pn. USPAT; US-PGPUB - 0 20020108119.URPN. USPAT 2004 0 20020108119.URPN. USPAT 2004 0 20020108119.URPN. USPAT 2004 950 725/105,126,131,114,116,111.ccls. and @ay<2000 USPAT; US-PGPUB - 131 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004.  | /06/24 12:08<br>/06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| near10 (downstream\$1 forward\$1))  1 20020108119.pn.  0 20020108119.URPN. 0 20020108119.URPN. USPAT 2004. USPAT; US-PGPUB US-              | /06/24 12:08<br>/06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| - 1 20020108119.pn. USPAT; US-PGPUB USPAT 2004. USPAT; US-PGPUB 2004                | /06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| - 0 20020108119.URPN.   | /06/24 12:07<br>/06/24 12:07<br>/06/24 12:08  |
| - 0 20020108119.URPN 0 20020108119.URPN 950 725/105,126,131,114,116,111.ccls. and @ay<2000 USPAT; US-PGPUB - 131 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004.  | /06/24 12:07<br>/06/24 12:08  |
| - 0 20020108119.URPN 950 725/105,126,131,114,116,111.ccls. and @ay<2000 USPAT; US-PGPUB - 131 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004, 2006, 200 | /06/24 12:07<br>/06/24 12:08  |
| - 950 725/105,126,131,114,116,111.ccls. and @ay<2000 USPAT; US-PGPUB - 131 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) USPAT; US-PGPUB - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) US-PGPUB - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004,   | /06/24 12:08  |
| - 131 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) us-PGPUB (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (Channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004.  |   |
| - 131 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1))  - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3))  - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3))  - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004   | 06/24 12:10   |
| (IP\$1 (internet\$1 adj3 protocol\$1))  - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3))  - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and (IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3))  - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004   | 100/24 12:10  |
| - 13 725/105,126,131,114,116,111.ccls. and @ay<2000 and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) US-PGPUB USPAT; US-PGPUB ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004  |   |
| ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3))  - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004, ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3))  - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004,  | /06/24 13:38  |
| - 6 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004, ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004,  | 00/24 13.30   |
| ((IP\$1 (internet\$1 adj3 protocol\$1)) near10 (MPEG\$3)) and US-PGPUB (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004  | /06/24 15:08  |
| (channel\$1 near10 (request\$3 chang\$3)) - 33 725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT; 2004   | JUIZ4 1J.UU   |
| - 33   725/105,126,131,114,116,111.ccls. and @ay<2000 and USPAT;   2004   | İ   |
|   | /06/24 14:42  |
| ((MPEG\$3)) same (channel\$1 near10 (request\$3 chang\$3)) US-PGPUB   |   |
|   | /06/24 15:00  |
| ((downstream\$1 forward\$1) near10 channel\$1 near10 US-PGPUB   |   |
| (request\$3 chang\$3))  |   |
|   | /06/24 15:32  |
| ((video\$1) near10 channel\$1 near10 (request\$3 chang\$3)) US-PGPUB  |   |
|   | /06/24 15:11  |
| protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 US-PGPUB   | İ   |
| (request\$3 chang\$3))  |   |
|   | /06/24 15:12  |
| protocol\$1)) near10 (MPEG\$3)) and (channel\$1 near10 US-PGPUB   | İ   |
| (request\$3 chang\$3)) - 314   725/\$.ccls. and @ay<2000 and ((video\$1) near10 channel\$1   USPAT;   2004/   | 10610E 00.E0  |
| - 314   725/\$.ccls. and @ay<2000 and ((video\$1) near10 channel\$1   USPAT;   2004/<br>  near10 (request\$3 chang\$3))   US-PGPUB  | /06/25 08:52  |
|   | /06/25 09:00  |
| near5 (request\$3 chang\$3 assign\$3) near5 (downstream\$1 US-PGPUB   | 00/20 03.00   |
| forward\$1))  |   |
|   | /06/25 10:01  |
| chang\$3 assign\$3) near5 (downstream\$1 forward\$1)) US-PGPUB  |   |
|   | /06/25 09:25  |
| "5732217"   "5742347"   "5933192").PN.  |   |
| - 2 ("5422674"   "5629732"   "5659539"   "5720037"   "5724091"   USPAT 2004/  | /06/25 09:26  |
| "5732217"   "5742347"   "5933192").PN. and (channel\$1  |   |
| near5 (request\$3 chang\$3 assign\$3))  |   |
|   | /06/25 10:00  |
| chang\$3 assign\$3) near5 (downstream\$1 forward\$1)) near5 US-PGPUB  |   |
| (STB\$1 terminal\$2 (set adj2 top adj2 box\$2))   | IOGIOE 40:40  |
|   | /06/25 10:18  |
| chang\$3 assign\$3) near5 (downstream\$1 forward\$1)) near5 US-PGPUB (STB\$1 (set adj2 top adj2 box\$2))  |   |
|   | /06/25 10:19  |
| (chang\$3))   | 55720 10.10   |
|   | /06/25 10:19  |
| near5 (chang\$3))   | 3,20 10.10  |
|   | /06/25 10:20  |
| near5 (chang\$3)) near5 (STB\$1) US-PGPUB   | 2.23  |
|   | /06/25 10:23  |
| near5 (chang\$3)) near10 (switch\$2) US-PGPUB   |   |
| - 3   725/\$.ccls. and @ay<2000 and (request\$3 near5 (video\$1   USPAT;   2004   |   |
| near5 (channel\$1) near5 (chang\$3))) US-PGPUB  | /06/25 14:03  |

| - | 46  | 725/\$.ccls. and @ay<2000 and (request\$3 near5          | USPAT;   | 2004/06/25 14:54 |
|---|-----|--|----------|------------------|
|   |     | ((channel\$1) near5 (chang\$3)))                         | US-PGPUB |                  |
| - | 2   | 725/\$.ccls. and @ay<2000 and (request\$3 near5          | USPAT;   | 2004/06/25 14:48 |
|   |     | (downstream\$1 forward\$1) near5 ((channel\$1) near5     | US-PGPUB |                  |
|   |     | (chang\$3)))   |          |                  |
| - | 88  | campanella.in.   | USPAT;   | 2004/06/25 14:48 |
|   |     | ·  | US-PGPUB |                  |
| - | 12  | campanella.in. and worldspace.asn.                       | USPAT;   | 2004/06/25 14:49 |
|   |     | ·  | US-PGPUB |                  |
| - | 4   | 725/\$.ccls. and @ay<2000 and (headend) same unicast\$2  | USPAT;   | 2004/06/25 15:03 |
|   |     |  | US-PGPUB |                  |
| - | 119 | 725/\$.ccls. and @ay<2000 and (headend\$1 (head adj2     | USPAT;   | 2004/06/25 15:05 |
|   |     | end\$1) server\$2) same select\$3 same (downstream\$1    | US-PGPUB |                  |
|   |     | forward\$1) same channel\$1                              |          |                  |
| - | 61  | 725/105,126,131,114,116,111.ccls. and @ay<2000 and       | USPAT;   | 2004/06/25 15:05 |
|   |     | (headend\$1 (head adj2 end\$1) server\$2) same select\$3 | US-PGPUB |                  |
|   |     | same (downstream\$1 forward\$1) same channel\$1          |          |                  |
| - | 22  | 725/105,126,131,114,116,111.ccls. and @ay<2000 and       | USPAT;   | 2004/06/25 15:06 |
|   |     | (headend\$1 (head adj2 end\$1) server\$2) same select\$3 | US-PGPUB |                  |
|   |     | same (downstream\$1 forward\$1) same channel\$1 same     |          |                  |
|   |     | (STB\$1 (terminal\$2))                                   |          |                  |
| - | 34  | 725/\$.ccls. and @ay<2000 and (MPEG\$2 near5 (PID\$1     | USPAT;   | 2004/06/28 10:00 |
|   |     | ID\$1) near5 channel\$1)                                 | US-PGPUB |                  |
| - | 5   | 725/\$.ccls. and @ay<2000 and (MPEG\$2 near10 (OOB\$1    | USPAT;   | 2004/06/28 10:03 |
|   |     | (out adj2 of adj2 band\$1)))                             | US-PGPUB |                  |
| - | 13  | 725/\$.ccls. and @ay<2000 and ((OOB\$1 (out adj2 of adj2 | USPAT;   | 2004/06/28 10:06 |
|   |     | band\$1)))   | US-PGPUB |                  |
| - | 246 | 725/\$.ccls. and @ay<2000 and ((OOB\$1 (out adj2 of adj2 | USPAT;   | 2004/06/28 10:07 |
|   |     | band\$1) out-of-band\$1))                                | US-PGPUB |                  |
| - | 6   | 725/\$.ccls. and @ay<2000 and (MPEG\$2 near5 (OOB\$1     | USPAT;   | 2004/06/28 10:06 |
|   |     | (out adj2 of adj2 band\$1) out-of-band\$1))              | US-PGPUB |                  |
| - | 8   | 725/\$.ccls. and @ay<2000 and ((OOB\$1 (out adj2 of adj2 | USPAT;   | 2004/06/28 10:10 |
|   |     | band\$1) out-of-band\$1) near10 (PID\$1 ID\$1))          | US-PGPUB |                  |
| - | 9   | 725/\$.ccls. and @ay<2000 and ((OOB\$1 (out adj2 of adj2 | USPAT;   | 2004/06/28 10:23 |
|   | 1   | band\$1) out-of-band\$1) near3 (stream\$2))              | US-PGPUB |                  |
| - | 6   | 725/\$.ccls. and @ay<2000 and ((OOB\$1 (out adj2 of adj2 | USPAT;   | 2004/06/28 10:53 |
| 1 |     | band\$1) out-of-band\$1) near10 (available))             | US-PGPUB |                  |
| - | 113 | 725/\$.ccls. and @ay<2000 and ((OOB\$1 (out adj2 of adj2 | USPAT;   | 2004/06/28 10:55 |
|   |     | band\$1) out-of-band\$1) near10 (channel\$1))            | US-PGPUB |                  |